

Title (en)
A measuring plug

Title (de)
Messungsstecker

Title (fr)
Bouchon de mesure

Publication
EP 2808665 B1 20190220 (EN)

Application
EP 13169547 A 20130528

Priority
EP 13169547 A 20130528

Abstract (en)
[origin: EP2808665A1] Disclosed is a pressure-measuring plug (100) for a combustion engine comprising a hollow plug body (102), a housing (110) attached to a distal end (102D) of the plug body (102), electronic components (116) arranged in the housing (110) and a sensing module (104) arranged in the hollow plug body and attached to a proximal end (102P) of the hollow plug body (102). The measuring plug further comprises an interconnection module (108) configured to electrically connect the electronic components (116) to the sensing module (104) through the hollow plug body. The interconnection module (108) comprises an elongated support structure (108A) with a first end (108P) provided with first terminals (108C) and a second end (108D) provided with second terminals (108B1), wherein the first terminals (108C) provide an electrical coupling which is flexible in axial direction. The interconnection module provides a reliable connection and could be used for mass production.

IPC 8 full level
G01L 19/14 (2006.01); **F02B 77/08** (2006.01); **G01L 19/00** (2006.01); **G01L 23/18** (2006.01)

CPC (source: EP US)
F02B 77/085 (2013.01 - EP US); **G01L 19/0084** (2013.01 - EP US); **G01L 19/148** (2013.01 - EP US); **G01L 23/18** (2013.01 - EP US); **F23Q 2007/002** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2808665 A1 20141203; EP 2808665 B1 20190220; CN 104215390 A 20141217; CN 104215390 B 20190219; IN 2588CH2014 A 20150703; JP 2014232105 A 20141211; JP 6159683 B2 20170705; KR 102098973 B1 20200409; KR 20140139976 A 20141208; US 2014352415 A1 20141204; US 9500125 B2 20161122

DOCDB simple family (application)
EP 13169547 A 20130528; CN 201410392535 A 20140528; IN 2588CH2014 A 20140526; JP 2014107808 A 20140526; KR 20140063688 A 20140527; US 201414286617 A 20140523